



Subcide™

Nonionic Polymer Carrier & Drift Retardant
Aids Sinking, Contact and Confinement of Aquatic Pesticides, Retards Drifting,
and Increases Deposition and Coverage in Spraying Operations.

PRINCIPAL FUNCTIONING AGENT

Polyacrylamide (Polyvinyl Polymer)	30%
Constituents Ineffective as a Spray and Sinking Adjuvant	70%
TOTAL	100%

SHAKE WELL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION

May cause irritation to skin and eyes. If in contact, flush immediately with plenty of water.
See a doctor if irritation persists. Do not take internally. Follow appropriate precautions on label of
pesticide used.



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NET CONTENTS

1 GALLON
3.785 LITERS

Manufactured For

Terra International, Inc.
P.O. Box 800, Sioux City, Iowa 51102-6000
Riverside® Serves Agriculture. Agriculture Serves Everyone.

SUBCIDE, when used as directed and in accordance with sound agricultural practices, or spraying, is in compliance with Federal Food and Drug Administration Regulations governing the propylene use of adjuvants and is exempt from tolerance requirements under Title 40, CFR 180.1001(d).

GENERAL INFORMATION

In aquatic applications, SUBCIDE increases viscosity and elasticity of pesticide solutions which improves sinking, contact and sticking of pesticides to aquatic plant surfaces. SUBCIDE confuses the pesticide to the target area and at a higher concentrate for a longer contact time. SUBCIDE should be used in quiescent as well as in rapidly flowing waters. It may be sprayed by aerial or ground equipment, injected by boats equipped with airless trailing hoses or sprayed by brush guns.

In spraying operations, SUBCIDE is an effective, easy-to-use adjuvant for deposition improvement and drift reduction. It greatly reduces mist and particle evaporation resulting in significant reduction of spray drift. SUBCIDE is designed to work at very low concentrations and can be used with most water soluble, waterable powders and emulsified concentrates.

SUBCIDE DOSEAGE CHART
For home and garden sprayers, use approximately 1 tablespoon of SUBCIDE per 5 gallons of spray solution.

Dosage recommendations are given in a general range. The specific dosage should be determined based on your environmental and other physical conditions. Always test the particular conditions and increase the dosage of SUBCIDE until the desired action is obtained.

Aquatic injection (for sinking and confinement of pesticide)

Quiescent streams or lakes	1 gallon or less*
Average aquatic application	1 to 2 gallons
Flowing streams, canals, irrigation drainage ditches	3 to 5 gallons

* Where water temperature is high and water movement is rapid

AERIAL APPLICATION		
Spray Pressure	Nozzle Orientation	Dosage**
Less than 45 psi	Straight Back	6-12 oz.
45° Angle Back	8-18 oz.	

4. Select the correct dosage for aqueous injection or spraying.

5. When using an injection system, inject SUBCIDE on the suction side of the pump and incorporate a 10-15 foot hose between the point where SUBCIDE and water mix and the injection point. This allows for adequate dispersion-interaction time for the polymer.

6. When using a tank mix, always add water and pesticides first. Start agitating. Then add SUBCIDE in the area of highest turbulence. Continue to agitate at least 3 minutes before applying.

7. Follow recommended procedures for disposal of unused pesticide. No special cleanup system and equipment should be flushed with water and detergent immediately after use.

8. SUBCIDE becomes extremely slippery when applied. Use a dry absorbent material on spills, then scrub with a detergent and flush with water.

USE DIRECTIONS WELL BEFORE USING.

1. ALWAYS SHAKE SUBCIDE CONTAINER
2. Never add water to the SUBCIDE container.
3. Although SUBCIDE is compatible with most adjuvants and pesticides, if there is any question of compatibility, test by mixing a small quantity of all ingredients to be used in a jar in the appropriate proportions prior to mixing the larger application amount.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for any other purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.

SECURE II™

DEPOSITION AID AND DRIFT RETARDANT FOR PESTICIDE SPRAYS

4 oz
8 oz
16 oz

GENERAL INFORMATION
SECURE II is an effective, easy-to-use nonionic adjuvant for deposition improvement and drift retardation in spraying operations. **SECURE II** is compatible with most water soluble herbicides, fungicides, insecticides and growth regulators. Its nonionic chemistry also allows compatibility with glyphosate products such as "RoundUp," "Rodeo" or "Accord." **SECURE II**, when used as directed in accordance with sound agricultural practices, is in compliance with Federal Food and Drug Administration regulations governing the cropland use of adjuvants and is exempt from tolerance requirements under Title 40, Code of Federal Regulations 180.1001(d). "RoundUp," "Rodeo" and "Accord" are trademarks of Monsanto Company.

DIRECTIONS FOR USE

Important: Keep container closed in storage and do not allow water to come in contact with contents until added to the spray solution.

- Step 1. Select correct dosage from chart below.
- Step 2. Fill mix tank with water, pesticide and other additives and begin to agitate.
- Step 3. Shake **SECURE II** bottle well before using.
- Step 4. For best mixing results, either (1) inject **SECURE II** liquid into the suction side of the feeder or recirculating pump to obtain adequate dispersion of the polymer throughout the pesticide solution, or (2) slowly add **SECURE II** liquid to the rapidly agitating tank mix in the area of highest turbulence by pouring a very thin stream.
- Step 5. Continue to agitate mix tank for at least 2 minutes before spraying.

20 oz
40 oz
80 oz

After use, flush and rinse spray system. Follow clean-up instructions on the pesticide label.

DOSAGE CHART

Application Spray Pressure	Nozzle Orientation	Quantity of Secure II per 100 gals. mixture
Air, below 45 PSI	Straight back 45° angled back	14-20 fl. oz. 16-24 fl. oz.
Ground, 20-40 PSI	Flat fan	4-8 fl. oz.
	Direct spray	16-32 fl. oz.
Ground, 20-50 PSI	Off-center	12-16 fl. oz.
Ground, 50-150 PSI	Brush guns	32-64 fl. oz.

Net contents: 1 Quart

20 oz
40 oz
80 oz

NOTE: When using **SECURE II** the degree of drift hazard varies with the type of pesticide, application conditions, and vegetation near the sprayed area. Consult your local agricultural advisor. Remember, pesticide drift is no accident. Common sense and sound application technology must be followed when spraying pesticides. **SECURE II** will retard, but not totally eliminate drift.

CONTAINER DISPOSAL

Triple rinse container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If incineration is allowed, stay out of smoke.

WARRANTY

Red River Specialties warrants that this product, when used as directed and in accordance with sound agricultural practices, will retard drift and improve deposition in spraying operations which utilize water-based and water emulsifiable solutions. Red River Specialties makes no warranty of fitness or merchantability. Red River Specialties maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no event shall Red River Specialties be liable for indirect or consequential damages. This warranty shall not be changed by oral or written agreement unless signed by a duly authorized officer of Red River Specialties.

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